Specification

Model	Fluo-200	Fluo-800
Light source	LED	LED
Excitation filter	Blue: 460±20 nm Red: 625±20 nm	Blue: 460±20 nm Red: 625±20 nm
Emission filter	Green: 525-570 nm (45 nm) Red: 670-725 nm (55 nm)	Green: 525-570 nm (45 nm) Red: 670-725 nm (55 nm)
Detector	Photodiode	Photodiode
Throughput	1	8
Sample tube type	0.5 mL PCR tube	0.2 mL PCR tube
Linear	$R^2 \geq 0.995$	$R^2 \geq 0.995$
Linear range	5 orders of magnitude	4 orders of magnitude
Sensitivity (detection limit)	<0.1 pg/μL (dsDNA HS)	<1 pg/μL (dsDNA HS)
Measurement time	≤5 s / sample	≤6 s / 8 samples
Input power	24 V 2 A	24 V 2 A
Operating voltage	100-240 V @50-60 Hz	100-240 V @50-60 Hz
External port	USB (Type A) ×2, USB (Type B) ×1, LAN ×1	USB (Type A) ×2, USB (Type B) ×1, LAN ×1
Display	7-inch touch screen	7-inch touch screen
Dimension (D×W×H)	286×161×61 mm	286×161×75 mm
Weight	1.5 kg	2 kg
Storage capacity	20000 programs	20000 programs

Ordering Information

Code	Product description
AS-18050-00	Fluo-200 fluorometer (Blue & Red)
AS-18060-00	Fluo-800 fluorometer (Blue & Red)
RS-FL 0101-S	Allsheng® high sensitivity dsDNA quantitation kit (100 assays)
RS-FL 0101-M	Allsheng® high sensitivity dsDNA quantitation kit (200 assays)
RS-FL 0101-L	Allsheng® high sensitivity dsDNA quantitation kit (1000 assays)
RS-FL 0102-S	Allsheng® broad range dsDNA quantitation kit (100 assays)
RS-FL 0102-M	Allsheng® broad range dsDNA quantitation kit (200 assays)
RS-FL 0102-L	Allsheng® broad range dsDNA quantitation kit (1000 assays)
RS-FL 0103-S	Allsheng® high sensitivity ssDNA quantitation kit (100 assays)
RS-FL 0103-M	Allsheng® high sensitivity ssDNA quantitation kit (200 assays)
RS-FL 0103-L	Allsheng® high sensitivity ssDNA quantitation kit (1000 assays)

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